ELSEVIER

Thin Solid Films 265 (1995) 129

thin solid films

Author Index of Volume 265

Ameziane, E.L., 22

Bairamov, A.I., 119
Benayoun, S., 29
Benmoussa, M., 22
Bennouna, A., 22
Bidadi, H., 119
Bissieux, C., 52
Brehmer, L., 89

Cai, H., 10
Crovini, G., 113

Darrort, V., 52
Delacroix, H., 74
Demichelis, F., 113
Despax, B., 15
Diem, T., 71
Dikusar, A.I., 3

Ebothé, J., 52
Efimova, A.A., 66

Fabianowski, W., 71

Gaboriaud, R.J., 29
Galloni, R., 113
Gambacorta, A., 74
Granito, C., 58

Habraken, F.H.P.M., 84
He, Z.J., 96
Huang, Y.P., 96

Ibnouelghazi, E., 22
Ignatiev, M.O., 66

Jaccodine, R., 71

Kalafi, M., 119
Kang, T.W., 92
Kant, W., 101
Kim, T.W., 92
Knäbchen, A., 107
Knobloch, H., 89
Koehorst, R.B.M., 84
Königstein, C., 33
Kul'kov, V.Ye., 66
Kwor, R., 96

Langlais, F., 40
Lespiaux, D., 40
Li, X., 10
Loretz, J.C., 15

Maccioni, E., 74
Marée, C.H.M., 84
Mariani, P., 74
Marti, P., 15
Mazel, A., 15
Meneghetti, M., 58
Molin, A.N., 3

Nanai, N., 1
Neumann-Spallart, M., 33
Nicollin, C., 52

Oh, Y.T., 92
Ohki, Y., 1

Pasimeni, L., 58
Paskova, T., 123
Peng, Z., 10
Pirri, C.F., 113

Rakhnyanskaya, A., 89
Rava, P., 113
Rella, R., 58
Retter, U., 101
Riccio, A., 74
Rizzoli, R., 113
Rodowski, R., 71
Rosa, M.D., 74
Rustichelli, F., 74

Salmanov, V.M., 119
Savenije, T.J., 84
Schaafsma, T.J., 84
Sobhanian, S., 119
Summonte, C., 113

Tresso, E., 113
Trifonova, E.P., 123
Troisi, L., 58
Troitsky, V., 74
Troyon, M., 52

Valli, L., 58

Woigk, S., 89

Xu, B., 10

Yakimova, R., 123
Yaroslavov, A.A., 66
Yoshimura, S., 1
Yudasaka, M., 1
Yusupov, R., 89

Zhao, M., 10
Zignani, F., 113

Elsevier Science S.A.

ELSEVIER

Thin Solid Films 265 (1995) 130–132

thin solid films

Subject Index of Volume 265

Adsorption
deposition of watersoluble porphyrins on solid substrates, 84
Aluminium nitride
hydrogenated aluminum nitride thin films prepared by r.f. reactive sputtering. Infrared and structural properties, 15
Amorphous materials
boron and phosphorus doping of a-SiC:H thin films by means of ion implantation, 113
Anodic oxidation
a modified computer model for the formation of porous silicon, 96
Antimony
on the morphology of Sb-doped GaAs layers grown by MOVPE, 123
Atomic force microscopy
quantitative study by atomic force microscopy and spectrophotometry of the roughness and brightness of electrodeposited nickel in the presence of additives, 52

Biomaterials
synthetic polycations on the surface of negatively charged liposomes, 66
X-ray diffraction structural analysis of Langmuir–Blodgett films using a pattern recognition approach, 74
Boron
boron and phosphorus doping of a-SiC:H thin films by means of ion implantation, 113

Cadmium sulphide
influence of laser irradiation during the deposition process on the properties of CdS films, 119
Chemical vapour deposition
chemisorption on β-SiC and amorphous SiO_2 during CVD of silicon carbide from the Si–C–H–Cl system. Correlations with the nucleation process, 40
Chemisorption
chemisorption on β-SiC and amorphous SiO_2 during CVD of silicon carbide from the Si–C–H–Cl system. Correlations with the nucleation process, 40
self-assembly formed oxime monolayers on a copper surface, 71
Computer simulation
a modified computer model for the formation of porous silicon, 96
Conductivity
electrical conductivity in thin metallic films with self-consistent level broadening, 107
Copper
self-assembly formed oxime monolayers on a copper surface, 71
Corrosion
self-assembly formed oxime monolayers on a copper surface, 71

Deposition process
electrochemical deposition of PbSe thin films from aqueous solutions, 3
angular distribution of rare gas atoms trapped in thin films deposited by ion beam sputtering of an $YBa_2Cu_3O_{7-x}$ target, 29
influence of laser irradiation during the deposition process on the properties of CdS films, 119

Electrochemical deposition
electrodeposition of zinc telluride, 33
Electrochemistry
electrochemical deposition of PbSe thin films from aqueous solutions, 3
quantitative study by atomic force microscopy and spectrophotometry of the roughness and brightness of electrodeposited nickel in the presence of additives, 52
on reverse 2D nucleation–growth–collision in the electroreduction of incomplete HgS bilayers at the mercury/electrolyte interface, 101
Electron microscopy
hydrogenated aluminum nitride thin films prepared by r.f. reactive sputtering. Infrared and structural properties, 15
Electron spin resonance
structural and spectroscopic characterization of Cu(II) [tetrakis-(3,3-dimethyl-1-butoxycarbonyl)] phthalocyanine thin films deposited by the Langmuir–Blodgett technique, 58

Fourier transform infrared spectroscopy
hydrogenated aluminum nitride thin films prepared by r.f. reactive sputtering. Infrared and structural properties, 15

Gallium arsenide
confirmation of the Franz–Keldysh oscillation due to a two-dimensional electron gas in $GaAs/Al_{0.3}Ga_{0.7}As$ modulation-doped single heterostructures, 92
on the morphology of Sb-doped GaAs layers grown by MOVPE, 123
Glass
deposition of watersoluble porphyrins on solid substrates, 84
Glow discharge
hydrogenated aluminum nitride thin films prepared by r.f. reactive sputtering. Infrared and structural properties, 15
Growth mechanism
a modified computer model for the formation of porous silicon, 96

Heterostructures
confirmation of the Franz–Keldysh oscillation due to a two-dimensional electron gas in $GaAs/Al_{0.3}Ga_{0.7}As$ modulation-doped single heterostructures, 92

Elsevier Science S.A.

Impurities
electrical conductivity in thin metallic films with self-consistent level broadening, 107
Interfaces
confirmation of the Franz–Keldysh oscillation due to a two-dimensional electron gas in $GaAs/Al_{0.3}Ga_{0.7}As$ modulation-doped single heterostructures, 92
Ion bombardment
angular distribution of rare gas atoms trapped in thin films deposited by ion beam sputtering of an $YBa_2Cu_3O_{7-x}$ target, 29
Ion implantation
boron and phosphorus doping of a-SiC:H thin films by means of ion implantation, 113

Langmuir–Blodgett films
structural and spectroscopic characterization of Cu(II) [tetrakis-(3,3-dimethyl-1-butoxycarbonyl)] phthalocyanine thin films deposited by the Langmuir–Blodgett technique, 58
synthetic polycations on the surface of negatively charged liposomes, 66
X-ray diffraction structural analysis of Langmuir–Blodgett films using a pattern recognition approach, 74
metal ion adsorption to Langmuir–Blodgett films monitored by the optical waveguide technique, 89
Laser irradiation
influence of laser irradiation during the deposition process on the properties of CdS films, 119
Lead
electrochemical deposition of PbSe thin films from aqueous solutions, 3
Luminescence
influence of laser irradiation during the deposition process on the properties of CdS films, 119

Metals
electrical conductivity in thin metallic films with self-consistent level broadening, 107
Molecular beam epitaxy
confirmation of the Franz–Keldysh oscillation due to a two-dimensional electron gas in $GaAs/Al_{0.3}Ga_{0.7}As$ modulation-doped single heterostructures, 92
Monolayer
self-assembly formed oxime monolayers on a copper surface, 71
Multilayers
on reverse 2D nucleation–growth–collision in the electroreduction of incomplete HgS bilayers at the mercury/electrolyte interface, 101

Nanocrystalline materials
fabrication of $Pb_{1-x}La_xTiO_3$ ferroelectric ceramic nanocrystalline thin films, 10
Nanostructures
fabrication of $Pb_{1-x}La_xTiO_3$ ferroelectric ceramic nanocrystalline thin films, 10
Nickel
quantitative study by atomic force microscopy and spectrophotometry of the roughness and brightness of electrodeposited nickel in the presence of additives, 52
Nucleation
chemisorption on β-SiC and amorphous SiO_2 during CVD of silicon carbide from the Si–C–H–Cl system. Correlations with the nucleation process, 40
on reverse 2D nucleation–growth–collision in the electroreduction of incomplete HgS bilayers at the mercury/electrolyte interface, 101

Optical properties
structural, electrical and optical properties of sputtered vanadium pentoxide thin films, 22
metal ion adsorption to Langmuir–Blodgett films monitored by the optical waveguide technique, 89
Optical spectroscopy
structures of vanadyl phthalocyanine in bilayers of vanadyl phthalocyanine and perylenetetracarboxylic dianhydride, 1
structural and spectroscopic characterization of Cu(II) [tetrakis-(3,3-dimethyl-1-butoxycarbonyl)] phthalocyanine thin films deposited by the Langmuir–Blodgett technique, 58
deposition of watersoluble porphyrins on solid substrates, 84
Organometallic vapour deposition
on the morphology of Sb-doped GaAs layers grown by MOVPE, 123

$Pb_{1-x}La_xTiO_3$
fabrication of $Pb_{1-x}La_xTiO_3$ ferroelectric ceramic nanocrystalline thin films, 10
Phase transitions
on reverse 2D nucleation–growth–collision in the electroreduction of incomplete HgS bilayers at the mercury/electrolyte interface, 101
Phosphorus
boron and phosphorus doping of a-SiC:H thin films by means of ion implantation, 113
Physical vapour deposition
structures of vanadyl phthalocyanine in bilayers of vanadyl phthalocyanine and perylenetetracarboxylic dianhydride, 1
Polymers
synthetic polycations on the surface of negatively charged liposomes, 66
metal ion adsorption to Langmuir–Blodgett films monitored by the optical waveguide technique, 89

Quantum effects
electrical conductivity in thin metallic films with self-consistent level broadening, 107

Rutherford backscattering spectroscopy
deposition of watersoluble porphyrins on solid substrates, 84

Selenides
electrochemical deposition of PbSe thin films from aqueous solutions, 3
Semiconductors
electrodeposition of zinc telluride, 33
Sensors
metal ion adsorption to Langmuir–Blodgett films monitored by the optical waveguide technique, 89
Silicon
a modified computer model for the formation of porous silicon, 96
Silicon carbide
chemisorption on β-SiC and amorphous SiO_2 during CVD of silicon carbide from the Si–C–H–Cl system. Correlations with the nucleation process, 40
boron and phosphorus doping of a-SiC:H thin films by means of ion implantation, 113
Sputtering
structural, electrical and optical properties of sputtered vanadium pentoxide thin films, 22
angular distribution of rare gas atoms trapped in thin films deposited by ion beam sputtering of an $YBa_2Cu_3O_{7-x}$ target, 29

Structural properties
structural, electrical and optical properties of sputtered vanadium pentoxide thin films, 22
X-ray diffraction structural analysis of Langmuir–Blodgett films using a pattern recognition approach, 74
Surface and interface states
synthetic polycations on the surface of negatively charged liposomes, 66
Surface composition
angular distribution of rare gas atoms trapped in thin films deposited by ion beam sputtering of an $YBa_2Cu_3O_{7-x}$ target, 29
Surface morphology
on the morphology of Sb-doped GaAs layers grown by MOVPE, 123
Surface roughness
quantitative study by atomic force microscopy and spectrophotometry of the roughness and brightness of electrodeposited nickel in the presence of additives, 52
Vanadium oxide
structural, electrical and optical properties of sputtered vanadium pentoxide thin films, 22
X-ray diffraction
structures of vanadyl phthalocyanine in bilayers of vanadyl phthalocyanine and perylenetetracarboxylic dianhydride, 1
structural, electrical and optical properties of sputtered vanadium pentoxide thin films, 22
structural and spectroscopic characterization of Cu(II) [tetrakis-(3,3-dimethyl-1-butoxycarbonyl)] phthalocyanine thin films deposited by the Langmuir–Blodgett technique, 58
X-ray diffraction structural analysis of Langmuir–Blodgett films using a pattern recognition approach, 74
Zinc telluride
electrodeposition of zinc telluride, 33